

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 1. (Currently Amended) A method for enabling re-use of presentation objects by
2 a printing system, comprising:
3 identifying in a print data stream an a presentation object for printing within a page in
4 a print data stream for presentation by the a printing system according to a globally-unique
5 identifier assigned to the presentation object, and
6 ~~generating at the printing system a globally-unique identifier for assignment to the~~
7 ~~object capturing the presentation object having the assigned globally-unique identifier at the~~
8 printer.

1 2. (Original) The method of claim 1 wherein the globally-unique identifier
2 assigned to the object allows the object to be securely and correctly referenced for re-use.

1 3. (Original) The method of claim 1 wherein the globally-unique identifier
2 assigned to the object is platform-independent.

1 4. (Original) The method of claim 1 wherein the globally-unique identifier is
2 based upon an International Standards Organization administered global naming tree.

1 5. (Original) The method of claim 1 wherein the globally-unique identifier is
2 contained in a syntax structure of a data stream.

1 6. (Original) The method of claim 5 wherein the data stream is a Mixed
2 Object Document Content Architecture data stream.

1 7. (Currently Amended) The method of claim 1 wherein the ~~assigning a~~
2 globally-unique identifier is assigned by ~~further comprises~~:
3 requesting, in an International Standards Organization administered global naming
4 tree, a first node for an application that uses the object;
5 registering, under the first node, a second node for each license of the application; and
6 assigning a globally-unique identifier for the object, the globally-unique identifier
7 including an indication of the object, the first node and the second node.

1 8. (Currently Amended) The method of claim 1 wherein the ~~assigning a~~
2 globally-unique identifier is assigned by ~~further comprises~~ generating a globally-unique
3 identifier for an object, the generated globally-unique identifier includes an indication of a
4 first node representing an application that uses the object, of a second node for each license
5 of the application and of the object.

1 9. (Original) The method of claim 8 wherein the indication of the object
2 includes a time stamp.

1 10. (Original) The method of claim 9 wherein the time stamp includes an
2 indication of the date and time.

1 11. (Original) The method of claim 8 wherein the indication of the object
2 includes a checksum value.

1 12. (Original) The method of claim 8 wherein the indication of the object
2 includes a binary counter.

1 13. (Currently Amended) A method for managing presentation objects for
2 multiple use, comprising:

3 downloading to a printer a presentation object for printing in a page and identified in
4 a print data stream, the presentation object having a previously assigned globally-unique
5 identifier;

6 caching the presentation object in a cache of the printer when the presentation object
7 is downloaded; and

8 capturing the presentation object having the previously assigned globally-unique
9 identifier in memory of the printer ~~if a globally-unique identifier has been assigned to the~~
10 ~~presentation object.~~

1 14. (Original) The method of claim 13 wherein the memory comprises
2 permanent storage.

1 15. (Original) The method of claim 13 further comprising deleting previously
2 captured objects to increase available capture storage area in the memory.

1 16. (Original) The method of claim 15 wherein the deleting comprises
2 deleting non-active, least-recently used objects first.

1 17. (Original) The method of claim 15 wherein the deleting comprises largest
2 objects first.

1 18. (Original) The method of claim 15 wherein the deleting comprises
2 smallest objects first.

1 19-43. (Canceled)

1 44. (Currently Amended) A system for managing presentation objects for
2 multiple use, comprising:

3 a printer cache for caching a presentation object for printing in a page and identified
4 in a print data stream ~~when downloaded, the presentation object having a previously assigned~~
5 globally-unique identifier; and

6 printer capture storage for capturing the presentation object having the previously
7 assigned globally-unique identifier ~~if a globally-unique identifier has been assigned to the~~
8 ~~presentation object.~~

1 45. (Original) The system of claim 44 further comprising a print server, the
2 print server deleting previously captured objects in the printer capture storage.

1 46. (Original) The system of claim 44 further comprising a print server, the
2 print server deleting previously downloaded or active objects.

1 47. (Previously Presented) The system of claim 46 wherein the previously
2 downloaded or active objects exist in the capture storage or cache storage.

1 48. (Previously Presented) The system of claim 46 further comprising a
2 printer control unit for marking deleted objects in the capture storage as removable.

1 49. (Original) The system of claim 48 wherein a removable object is deleted
2 when a capture request is received to make storage available to capture a new resource.

1 50. (Currently Amended) A system for processing referenced objects,
2 comprising:
3 a print server for searching for a presentation object for printing in a page and
4 referenced by a selected indicia in a print data stream, the selected indicia being a previously
5 assigned name, a globally-unique identifier or a globally-unique identifier and an object
6 locator, the print server downloading the presentation object identified in the print data
7 stream, the presentation object having a previously assigned globally-unique identifier; and
8 a control unit for capturing the presentation object in persistent memory of the
9 printer;
10 wherein the control unit ~~determines if~~ captures the presentation object ~~is to be~~
11 ~~captured~~ based upon ~~whether~~ the presentation object having the selected indicia ~~includes a~~
12 ~~globally-unique identifier.~~

1 51. (Original) The system of claim 50 wherein the data stream references the
2 object by an object name and the print server searches for the object by object name.

1 52. (Original) The system of claim 51 wherein the print server attempts to
2 find the object resident in a presentation device when the object is referenced with a globally-
3 unique identifier.

1 53. (Canceled)

1 54. (Currently Amended) The system of claim 50 wherein the control unit
2 references the object by a the globally-unique identifier.

1 55. (Original) The system of claim 54 wherein the print server attempts to
2 find the object resident in the presentation device using a globally-unique identifier.

1 56. (Original) The system of claim 55 wherein the print server searches for
2 the resource inline when the search for a resident globally-unique identifier fails.

1 57. (Canceled)

1 58. (Currently Amended) The system of claim 50 wherein the data stream
2 references the object by a the globally-unique identifier and an object locator.

1 59. (Original) The system of claim 58 wherein the print server attempts to
2 find the object by searching for a resident globally-unique identifier.

1 60. (Original) The system of claim 59 wherein the print server searches for
2 the resource inline when the search for a resident globally-unique identifier fails.

1 61. (Canceled)

1 62. (Original) The system of claim 60 wherein the print server looks for the
2 object by object locator in a resource library when the inline search is unsuccessful.

1 63. (Original) The system of claim 62 wherein the print server determines
2 whether the globally-unique identifier assigned to the object matches the globally-unique
3 identifier referenced.

1 64. (Canceled)

1 65. (Original) The system of claim 63 wherein the print server provides an
2 indication of an error if the globally-unique identifier assigned to the object does not match
3 the globally-unique identifier referenced.

1 66. (Original) The system of claim 63 wherein the print server provides an
2 indication of an error if the object does not contain a globally-unique identifier.

1 67. (Currently Amended) An article of manufacture comprising a program
2 storage medium readable by a computer, the medium tangibly embodying one or more
3 programs of instructions executable by the computer to perform a method for managing
4 presentation objects for multiple use, the method comprising:

5 downloading to a printer a presentation object for printing in a page and identified in
6 a print data stream, the presentation object having a previously assigned globally-unique
7 identifier;

8 caching the presentation object in a cache of the printer when the presentation object
9 is downloaded; and

10 capturing the presentation object having the previously assigned globally-unique
11 identifier in memory of the printer ~~if a globally-unique identifier has been assigned to the~~
12 ~~presentation object.~~

1 68. (Original) The article of manufacture of claim 67 further comprising
2 deleting previously captured objects to increase available capture memory.

1 69. (Canceled)